

JC06 Rec'd PCT/PTO 04 NOV 2005

PTO-1390 (Rev. 07-2005)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>BEET-14</b>
INTERNATIONAL APPLICATION NO. <b>PCT/EP2004/004841</b>	INTERNATIONAL FILING DATE <b>May 6, 2004</b>	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/555713</b>
TITLE OF INVENTION <b>Radiation Sensor, Waver, Sensor Module And Method For Manufacturing A Radiation Sensor</b>		
APPLICANT(S) FOR DO/EO/US <b>Martin Hausner, Jurgen Schilz, Fred Plotz, Hermann Karagozoglu</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <b>(Unexecuted)</b></p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <b>(14 References)</b></p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13/ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/555713</b>	INTERNATIONAL APPLICATION NO. PCT/EP2004/004841	ATTORNEY'S DOCKET NUMBER BEET-14																																																																																								
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The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</td> <td></td> <td></td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td>RATE</td> </tr> <tr> <td>- 100 =</td> <td>/50 =</td> <td></td> <td>x \$250</td> </tr> <tr> <td colspan="2">Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).</td> <td>\$ -</td> <td></td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td>RATE</td> </tr> <tr> <td>Total claims</td> <td>33 - 20 =</td> <td>13</td> <td>x \$ 50</td> </tr> <tr> <td>Independent claims</td> <td>2 - 3 =</td> <td>0</td> <td>x \$200</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$360</td> <td>\$ 360.00</td> </tr> <tr> <td colspan="2"></td> <td><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td><b>\$ 1,010.00</b></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Applicant claims small entity status. 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- b.  Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-3000. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Wood, Herron & Evans, L.L.P.  
2700 Carew Tower  
441 Vine Street  
Cincinnati, OH 45202-2917  
(513) 241-2324-Voice  
(513) 421-7269-Facsimile

  
\_\_\_\_\_  
SIGNATURE  
\_\_\_\_\_  
David H. Brinkman  
\_\_\_\_\_  
NAME  
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40,532  
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REGISTRATION NUMBER

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APPLICANT(S) FOR DO/EO/US <b>Martin Hausner, Jurgen Schilz, Fred Plotz, Hermann Karagozoglu</b>		

**20. Other items or information:****Certificate of Express Mailing No. EV562644494US****Copy of PCT Request (Form PCT/RO/101) (42 pages)****Copy of Front Page of Published Application WO 2004/099063 A2****Copy of International Search Report Form PCT/ISA/210 (7 pages)****Copy of International Preliminary Examination Report Form PCT/IPEA/409 (12 pages)****Copy of Second and Supplementary Notice Informing the Applicant of the Communication of the International Application (To Designated Offices Which Apply the 30 Month Time Limit Under Article 22(1)) Form PCT/IB/308 (1 page)****Check for \$1,910.00 for U.S. National Phase Filing Fee****Return Postcard**

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

In re application of: Martin Hausner et al.  
International Application No.: PCT/EP2004/004841  
International Filing Date: May 6, 2004  
Priority Date Claimed: May 7, 2003  
Title: **RADIATION SENSOR, WAVER, SENSOR  
MODULE AND METHOD FOR  
MANUFACTURING A RADIATION SENSOR**  
Attorney Docket: BEET-14

Cincinnati, Ohio 45202

November 4, 2005

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Alexandria, VA 22313-1450

Sir:

**CERTIFICATE OF EXPRESS MAILING**

**Enclosures:** Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Submission Under 35 U.S.C. 371 Form PTO-1390 (in duplicate); Certificate of Express Mailing No. EV562644494US; Copy of English language translation of the International Application as filed; a Preliminary Amendment; Information Disclosure Statement With Fourteen (14) References; Form PTO-1449; Copy of PCT Request Form PCT/RO/101; Copy of International Search Report Form PCT/ISA/210; Copy of Front Page of Published Application WO 2004/099063 A2; Copy of International Preliminary Examination Report Form PCT/IPEA/409 (English translation will follow); Copy of Second and Supplementary Notice Informing the Applicant of the Communication of the International Application (to the Designated Offices Which Apply the 30 Month Time Limit Under Article 22(1)) Form PCT/IB/308; Unexecuted Declaration, Power of Attorney & Petition (unexecuted); check for \$1,910.00 for the Filing Fee; and Return Postcard.

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Date of Deposit: November 4, 2005

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Kenneth Eads

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